



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 84 72 53

Classification of the application (IPC):
H02S 20/32, H02S 30/00, H02S 50/00, H01L 31/042

Technical fields searched (IPC):
H02S, F24S

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	EP 2180524 A2 (EMCORE SOLAR POWER INC [US]) 28 April 2010 (2010-04-28) * paragraphs [0034] - [0040], [0060], [0061]; figures *	1-14
Y	US 2010101632 A1 (KATS MIKHAIL [US] ET AL) 29 April 2010 (2010-04-29) * paragraphs [0021] - [0032]; figures *	1-14
Y	WO 2014072280 A1 (SOITEC SOLAR GMBH [DE]) 15 May 2014 (2014-05-15) * page 1, line 13 - line 21 * * page 4, line 27 - line 31; figures *	1-14
Y	WO 2014093258 A1 (NEXTRACKER INC [US]) 19 June 2014 (2014-06-19)	7, 13
A	* paragraphs [0010], [0053], [0065] - [0067], [0071], [0081] - [0084]; figures *	1, 9

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 17 July 2019	Examiner Oliveira, Casimiro
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CATEGORY OF CITED DOCUMENTS

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|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
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| O: non-written disclosure | D: document cited in the application |
| &: member of the same patent family, corresponding document | L: document cited for other reasons |

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 17-07-2019
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 2180524 A2	28-04-2010	CN 101728981 A	09-06-2010
		CN 103400874 A	20-11-2013
		EP 2180524 A2	28-04-2010
		JP 5563798 B2	30-07-2014
		JP 2010103524 A	06-05-2010
		KR 20100045911 A	04-05-2010
		TW 201024644 A	01-07-2010
		US 2010101625 A1	29-04-2010
US 2010101632 A1	29-04-2010	US 2010101632 A1	29-04-2010
		US 2013167905 A1	04-07-2013
WO2014072280 A1	15-05-2014	CA 2930204 A1	15-05-2014
		CN 104797892 A	22-07-2015
		DE 112013005379 T5	13-08-2015
		FR 2998044 A1	16-05-2014
		US 2015303864 A1	22-10-2015
		WO 2014072280 A1	15-05-2014
WO2014093258 A1	19-06-2014	CL 2015001578 A1	20-01-2016
		CN 104969464 A	07-10-2015
		CN 109713991 A	03-05-2019
		DE 112013005890 T5	10-09-2015
		JP 2016504901 A	12-02-2016
		JP 2018042460 A	15-03-2018
		US 2014216522 A1	07-08-2014
		US 2017301814 A1	19-10-2017
		WO 2014093258 A1	19-06-2014